		<u>0.11001 1</u> 01 .
Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. 003534-106	APPLICATION NO. 10/616,984
· · · · · · · · · · · · · · · · · · ·	APPLICANT John F. KRUMME	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE July 11, 2003	GROUP 3711
2 OTTEL MINISTER PROPERTY	1,,	

**ATENT DOCUMENTS** Issue/Publication Document Kind Code Name of Patentee or Applicant Examiner Initials Number (if known) of Cited Document (MM-DD-YYYY) 456,258 Hutton et al. 07/1891 3P 732,136 Tayler 06/1903 58 974,888 Jacobus 11/1910 <del>-4.901</del>-<del>Taylor</del> <del>11/1912-</del> SP 1,094,599 Samson 04/1914 12/1918 R 1,289,553 Sanders 04/1920 1,337,958 Reach 05/1921 D 57,980 Kraeuter D 63,284 Challis 11/1923  $\leq \mathbb{R}$ 1,485,685 McMahon 03/1924 1,494,494 Lippincott 05/1924 1,524,731 Davis 02/1925 02/1925 1,526,951 **Beaumont** 04/1925 1,532,545 Pedersen 1,535,670 Kidd 04/1925 1,562,956 Guerne 11/1925 1,595,589 Tyler 08/1926 ⇉ 1,618,900 Wolkerstorfer 02/1927 So Relle 10/1927 1,646,461 1,654,257 Hillerick 12/1927 S 1,659,272 Link 02/1928 Munro-Spencer D 79,684 10/1929 st 07/1934 1,968,626 Young × 5 D 138,380 Myers et al. 07/1944 10/1947 2,429,351 Fetterolf St 2,586,084 Powell 02/1952 92 3,211,455 Hyden 10/1965 R 3,847,399 Raymont 11/1974 3.869,126 Thompson 03/1975 4,027,885 Rogers 06/1977 4,156,526 Huggins et al. 05/1979 4,413,825 Sasse 11/1983 4,422,638 Tucker 12/1983 04/1985 Gebauer et al. 4,508,349 4,529,203 Ribaudo 07/1985 4,679,792 Straza et al. 07/1987 4,681,322 Straza et al. 07/1987 Nagasaki et al. 04/1988 4,740,345 4,768,787 Shira 09/1988

A-Paranti 04/28/05

Substitute for forms 1449A/PTO & 1449B/PTO

ATTORNEY'S DKT NO. 003534-106 10/616,984

APPLICANT
John F. KRUMME

FIRST INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

July 11, 2003 3711

E O S MILL E

			<u> </u>
U.S. ATEN	IT DOCUMENTS		
DE SP	4,884,808	Retzer	12/1989
SP	4,919,177	Homma	04/1990
SP	4,964,641	Miesch et al.	10/1990
SP	4,999,000	Finney	03/1991
SP	5,024,437	Anderson	06/1991
50	5,083,778	Douglass	01/1992
SP	5,176,384	Sata et al.	01/1993
5P	D 340,492	Flood	10/1993
SP	5,301,941	Allen	04/1994
	5,322,214	Tucker Sr.	07/1994
SR	5,358,249	Medralla	10/1994
SP	5,403,007	Chen	04/1995
54	5,405,136	Hardman	04/1995
SP	5,408,554	Cryan et al.	04/1995
37	5,407,196	Busnardo	04/1995
SP	5,445,386	Marshall	08/1995
डरे	5,447,311	Viollaz et al.	09/1995
SP	5,458,332	Fisher	10/1995
28	5,482,282	Willis	01/1996
<b>S</b> X	D 368,126	Magerman et al.	03/1996
<b>S</b> P	5,505,450	Stuff	04/1996
SP	5,524,331	Pond	06/1996
<b>P</b>	5,531,439	Azzarella	07/1996
	5,542,675	Micciche et al.	08/1996
SP)	5,573,469	Dekura	11/1996
58	5,575,472	Magerman et al.	11/1996
SP	5,620,381	Spalding	04/1997
SP	5,620,382	Cho et al.	04/1997
SP	5,674,132	Fisher	10/1997
SP	5,688,190	Rowland et al.	11/1997
SP	5,690,562	Strum	11/1997
\$	5,704,850	Shieh	01/1998
32	5,716,290	Baker et al.	02/1998
8	5,738,925	Chaput	04/1998
SP	5,766,093	Rohrer	06/1998
Ş	5,807,190	Krumme et al.	09/1998
SP	5,879,243	Hackman	03/1999
38	D 411,275	Bottema et al.	06/1999
32	5,921,871	Fisher	07/1999
SP	5,924,939	Grace et al.	07/1999
\$	D 415,809	Bottema et al.	10/1999
50	6,089,993	Woodward et al.	07/2000

(07/03)

f. Parsanti 04/28/05

•		DILEDI 5 OF .
Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. 003534-106	APPLICATION NO. 10/616,984
	APPLICANT John F. KRUMME	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE July 11, 2003	GROUP 3711

DEC 0 5 2000 2

ADEMAR		FOREIG	EN PATENT DOCUMENTS			
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Transl Yes	ation No
<b>S</b> \$	0710493		Europe	05-08-1996		
<b>S</b> P	2,185,891	Α	Great Britain	08-05-1987	Abstract only	
SP	3-23877		Japan	01-31-1991	Abstract only	

	NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
SP	Darel E. Hodgson et al., "Shape Memory Alloys", viewable at http://www.sma-inc.com/SMAPaper.html, copyright 1999, retrieved from internet on 18 January 2002
SP	Ellis, Jeffrey B., "More Materials", The Clubmaker's Art, Zephyr Productions, Inc., Oak Harbor, WA, 1997, pp. 319-357

Signature Considered 04/28/07		Examiner Signature	T-Carrante	Date Considered	04/28/05
-------------------------------	--	-----------------------	------------	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(07/03)

Manaint 04/28/05

## SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/616,984

Filing Date July 11, 2003

First Named Inventor John F. Krumme

Examiner Name Not Yet Assigned PASSANITI

Attorney Docket Number 003534-106

Complete if Known

	(use as many	sheets	as necessary)
Sheet	1	of	1

Substitute for form 1449A/PTO 8 1449B/PTO

				U.S. PATENT DOCUMENTS	
	Examiner	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6,007,435		Chern	12-28-1999
Ì	\$0 4	4,630,826		Nishigaki et al.	12-23-1986
ov	2 5 7004	5,785,610		Birmingham	07-28-1998
		<i>[</i> ]			
	RADEMARIO				
Ì	· <del></del>				

		FO	REIGN PATENT DO	CUMENTS				•			
							ST	ATUS			$\Box$
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Specification
							L			<u> </u>	
						<del> </del>				├	
					├	├		-		<del> </del>	$\vdash\vdash$
			<del></del>		┝	$\vdash$	<del></del>	-			$\vdash$
<b>—</b>			<del></del>			$\vdash$		<u> </u>	1	$\vdash$	$\vdash$
	· · · · · · · · · · · · · · · · · · ·	1.						_		<u> </u>	$\Box$
						<b>—</b>					
	-										

	NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
58	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration for PCT/US2004/033572 dated 10/26/2004				

Examiner	10	Date	1 1120/06	
Signature	Harrant	Considered	04/28/03	

\*EXAMINER: Initial it/reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.